

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Canceled)

2. (Previously presented) A method for producing an electrophotographic photoreceptor in which a charge generating layer and a charge conveying layer, or an underlying layer, a charge generating layer and a charge conveying layer, are formed on a conductive substrate by sequentially coating, the method comprising:

preparing the conductive substrate so as to have a surface roughness caused by a cutting process so that for the surface roughness caused by the cutting process a maximum peak-to-valley roughness height (R_y), centerline average roughness (R_a), the ten-point average roughness (R_z) and average peak-to-peak distance that is an average of the peak-to-peak distance of a cross-sectional curve (S_m) satisfy:

(a) $R_y = 0.8$ to $1.4\ \mu\text{m}$,

(b) $R_a = 0.10$ to $0.15\ \mu\text{m}$,

(c) $R_z = 0.7$ to $1.3\ \mu\text{m}$, and

(d) $S_m = 5$ to $30\ \mu\text{m}$, and

peak count P_c satisfies:

(e) $P_c = 60$ to 100 ;

sequentially measuring thicknesses of the layers by optical interferometry when the coating is performed to form the layers on the conductive substrate;

feeding back measurement results to controlling means; and

controlling an amount of coating by an output from the controlling means in accordance with the measurement results so as to adjust the thicknesses of the layers.

3-6. (Canceled)